Inspector: Inspection Date:			tructure Numbe acility Carried:		'8 Y LINE RD					
	В	ridge Inspection Report	t							
<u>Dhio Bridge I</u>	nspection S	Summary Re	<u>port</u>		LAK-	00090-29	920 (430507			
: DistrictDistr 46494 ict	- MADISON TWP	(LAK county)	5A	: Inventory Ro	oute 1	C0147	I			
12 21: Major Maint A/B	01 - State Hig	nway Agency	/ 7:	Facility On	COUNTY L	INE RD				
225 Routine Main A/	B 01 - State Hig	hway Agency		eature Ints	IR 90					
221 Inspection A/B	01 - State Hig	nway Agency	/ 9: 1	_ocation	6.5 MI E G	RAND RIVE	२			
220: Inv. Location	DISTRICT 12			Lat, Lon	41.763739		,-81.002803			
	Conditi	on			Str	ucture Typ)e			
58: Deck	5 - Fair C	ondition		43: Bridge T	ype 4 - Ste	eel continuou	S			
58.01 Wearing Su	face 5 - Fair (1	0-15%, 2% asphalt	patch)		02 - S	stringer/Multi-	beam or Girder			
58.02 Joint	4- Poor (h	eavy leaking, offset)		N- No	t Applicable				
59: Superstructure	7 - Good	Condition		45: Spans M	lain / Approa	ach 4	/ 0			
59.01 Paint & PCS	6 - Satisfa	actory (5-10% corr.)		107: Deck Type 1 - Concrete Cast-in-Place						
60: Substructure	5 - Fair C	ondition		408: Compo	site Deck	N - Non-cor	mposite Construction			
61: Channel	Ν			414A Joint T	ype 1	2 - Sliding N	letal Plate Angle			
61.01 Scour	N - Not A	pplicable		414B: Joint Type 2 N - None						
62: Culverts	N - Not A	pplicable		108A: Weari	ng Surface	3 - Latex Concrete or similar additive				
67.01 GA 5				N- Not Applicable						
	Apprais	sal		422: WS Date 05/01/1990						
Sufficiency Rating	72.6	SD/FO 0-ND		423: WS Thi		1.2	_			
36: Rail, Tr, Gd, Term Std 1 1 1 1			1	482: Protective Coating 5 - Paint System OZEU						
72: Approach Alignment 8 - Equal to present desirable criteria			criteria	483: PCS Date 01/01/1989						
113: Scour Critical N - Not over waterway				453: Bearing Type 1 2 - Rockers & Bolsters						
71: Waterway Adequ	acy N - Not A	oplicable		455: Bearing Type 2 N - None						
	Geome	ric		528: Foundn: Abut Fwd 4 - Spread Footing (on soil) 533: Foundn: Abut Rear 4 - Spread Footing (on Soil)						
48: Max Span Length		83.0								
49: Structure Length		302.0		536: Foundr 539: Foundr		4 - Spread 0 - Other	Footing (on soil)			
52: Deck Width, Out-		30.3			I. FIELZ	0 - Other				
124: Deck Area (sf)		9150.6			Age	and Servi	се			
32: Appr Roadway W	/idth (ft)	26.0		27: Year Bui	lt/ 106 Reha	b 1959	/ 0000			
51: Road Width, Curl		26.3		42A: Service	ay					
50A: Curb/SW Width		0		42B: Service	Under		ay, with or w/out			
						pedestriar	ו			
50A: Curb/SW Width	: Right (ft)	0		28A: Lanes		02				
34: Skew (deg)		10		28B: Lanes		04				
33: Bridge Median		0 - No median		19: Bypass I	Length	2				
54B: Min Vert Under		16.38		29: ADT	(0/)	1000				
336A: Min Vert Clrnc		99		109: % Truc	KS (%)	0				
336B: Min V Clr IR N		0			Ins	pections				
578: Culvert Length ((ft)	0				Months				
Load Posting				90: Routine	-	12	10/29/2022			
41: Op/Post/Closed A - Open				92A: FCM In	•	0				
70: Posting 5 - Eq	ual to or above leg	al loads		92B: Dive In	•	0				
70.01: Date				92C: Specia	-	0				
70.02: Sign Type				92D: UBIT Ir	•	0				
734: Percent Legal (%) 150			92E: Drone I	nsp. N	0				
704: Analysis Date	07/01/1995			Inspector	Persanyi,An	drea				
63: Analysis Method	6 Lood Fr	actor (LF) rating repo	and a set laws a							

4305078

Structure Number:

Inspector:

Persanyi, Andrea

Inspector: Inspection Date:

Persanyi, Andrea 10/29/2022

Structure Number: Facility Carried:

4305078 COUNTY LINE RD

Bridge Inspection Report

rating factor (RF) method using MS18 loading.

Bridge Inspection Report

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4			
12-Reinforced Concrete Deck	3 - Mod.	9161	sq. ft.	7561	500	1100	0			
	CS2- Transvers CS3-Mottled ar Timber sub-dec	eas with sta		, delams, spa	spalls. A few small full depth repairs.					
805-Wearing Surface - Monolithic Concrete		7953	sq. ft.	6343	1500	60	50			
	CS2- Cracks. CS3- Wide cracking, shallow spalls, a few delams. CS4- Small asphalt patches throughout.									
107-Steel Open Girder/Beam	3 - Mod.	1156	ft.	1076	80	0	0			
	CS2- Rust initia	ated at some	e beam	ends.		-				
515-Steel Protective Coating		10548	sq. ft.	0	10098	450	0			
	CS2- Chalking. Blistering paint. CS3- Rust.									
205-Reinforced Concrete Column	3 - Mod.	9	each	7	1	1	0			
215-Reinforced Concrete	CS2- P1C3=4 s CS3- P1C2=20			ning cracks.						
Abutment	3 - Mod.	62	ft.	42	10	5	5			
	CS2- Leaching	cracks with	n efflore	scence. Rus	t stains.					
	CS3- 3 sf spall in forward bay 2. Spall to rear-left cheekwall. A few delams.									
	CS4- 15 sf by 9" deep spall with 360° rebar exposure with rusting section loss in real bay 3.									
234-Reinforced Concrete Pier Cap	3 - Mod.	99	ft.	89	10	0	0			
	CS2- Minor delams. CS3- 1 sf spall in P3 cap.									
305-Assembly Joint without Seal	3 - Mod.	56	ft.	0	0	56	0			
CS3- Rusting section loss. Collision damage to rear riser bar. F asphalt patch along FWD (north) and SB rear exit header. Goug bar. Forward deck armor slightly lower than approach armor. Bo degrees. 1' riser bar missing at rear NB.						Souges to for	ward riser			

Inspector:	Persanyi, Andrea	Structure Number:	4305078
Inspection Date:	10/29/2022	Facility Carried:	COUNTY LINE RD

Bridge Inspection Report

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4	
311-Movable Bearing	3 - Mod.	16	each	0	10	6	0	
	CS2- Stacked shim plates under forward rockers. CS3- Heavy rusting with some pack rust to rockers at both abutments.							
313-Fixed Bearing	3 - Mod.	4	each	0	4	0	0	
	CS2- Surface r	ust.						
321-Reinforced Concrete Approach Slab	3 - Mod.	1400	sq. ft.	0	1311	56	33	
331-Reinforced Concrete Bridge	CS3- Wide crac CS4- Asphalt p 3 - Mod.			orward exjt h	eader. 35		0	
Railing			ft.	555	35	14	0	
	CS2- A few cracks, delams CS3- Spalls. Failed patches with exposed wire mesh to both rails.							
815-Drainage	3 - Mod.	12	each	9	3	0	0	
	CS2- Partially p berms.	olugged scu	opers. D	Debris/dirt in	bulb angle. C	Concrete deb	ris in both	
830-Abutment Backwall	3 - Mod.	62	ft.	36	10	16	0	
	CS2- Leaching CS3- spalls with				at rear and or	ne at forward		

Inspecto Inspecti		Persanyi, Andrea 10/29/2022			ure Number: y Carried:		305078 OUNTY LINE RD			
			Bridge Inspec	ction Report						
ODOT District:				AK-00090-	-2920 _(43		•	Date Buil		
Major Maint:	01 - State Highwa	y Agency I	Facility Carried:	COUNTY LINE RD	Traffic	On:	1 - Highway	Rehab Da	ate:	
Routine Maint:	01 - State Highwa	y Agency I	Feature Inters:	IR 90	Traffic	Under:	1 - Highway, with or w/out pedestrian	Insp. Resp A:	01 - State Highway Ager	тсу
FIPS Code:	46494 - MADISON	TWP (LAK county)		Location: DISTRICT	Г 12 6.	5 MI E	GRAND RIVER	Insp		
	Ins	pector Persar	nyi,Andrea	Inspection Date	10/29/2022	F	Reviewer Seif, Youssef	Resp B:		
		In	spector	Comment	s - Dock a	nd	Annroach			

Inspector Comments - Deck and Approach

<u>Deck</u>

Curbs/Sidewalk (LF)

Leaching cracks. Shallow spalls.

Approach

Approach Wearing Surface (EA)

Many cracks, most sealed. Areas of asphalt break up. Asphalt rutting to both.

Approach Embankment (EA)

Settlement as great as 2.5" of both forward approach rails.

Approach Guardrail (EA)

Minor collision damage to forward-left. Post rot. Note: both forward guardrails are 22" high.

<u>Signs (EA)</u>

No bridge end markers.

Inspector Comments - General Appraisal

Superstructure

Diaphragm/X-Frames (EA)

Rusting section loss to some endframes.

Fatigue (LF)

Welded cover plates at piers (rusty welds).

Substructure

Wingwalls (EA)

Spalled / crumbling concrete at forward-right.

Inspector:

Inspection Date:

Persanyi, Andrea 10/29/2022 Structure Number: Facility Carried: 4305078 COUNTY LINE RD

Bridge Inspection Report

Culvert

Inspector Comments - Waterway

Waterway Adequacy

<u>Channel</u>

Scour Critical